

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 24 Oct 2020 until 23:59 on Sunday 25 Oct 2020

Forecast Issued on Friday 23 Oct 2020 at 11:59

Confidence: High for an unsettled theme and for spells of wet and windy weather, but lower confidence for timings

Headline for Saturday 24 Oct 2020: A dry, perhaps bright start, but windy with rain spreading in during morning. Some heavy rain in afternoon but drier by evening though showers then pushing in.

Mountain weather hazards on Saturday 24 Oct 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Heavy Rain	Heavy Rain	Light rain	Cloudy	Light rain showers (night)
Precipitation probability							
<05%	00%	10%	60%	90%	80%	10%	60%

Forecast for Saturday 24 Oct 2020

Weather: Dry with clear spells overnight. A mostly dry and perhaps bright start but cloud will soon increase in morning to bring outbreaks of rain. Some heavy and prolonged rain by lunchtime, with quite difficult conditions as winds increase. Rain mostly clearing by the end of the afternoon, then some clear spells but staying mostly cloudy with showers in evening.

Chance of cloud free mountain/hill tops above 600m: 70% at first and 50 or 60% in evening, with broken cloud down to 600m, but little chance from mid-morning with persistent cloud down to 400-600m.

Visibility: Mainly good at first and out of showers later, but generally poor in rain and very poor at height with cloud on the slopes.

Forecast for Saturday 24 Oct 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/30 S	23/34 S	30/42 S	32/45 S	23/35 SW	18/27 SW	18/28 SW	20/30 SW	19/30 SW
300	11/21 S	23/30 S	25/38 S	24/39 S	19/31 SW	11/24 SW	11/25 SW	12/27 S	13/27 SW
Valley	12/24 S	18/32 S	26/39 S	27/43 S	22/29 SW	15/22 S	9/23 S	10/25 S	11/25 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-3	4/-2	6/1	7/3	6/2	6/1	5/0	4/-1
300	4/2	5/1	6/2	8/5	9/6	9/6	8/5	7/4	7/3
Valley	7/4	8/4	9/5	11/7	10/8	10/8	9/7	8/6	8/5
Freezing Level*	1200m	1400m	2200m	2100m	1700m	1400m	1300m	1300m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A windy day with heavy rain bringing some flooding and challenging conditions. Winds easing in afternoon but SW winds possibly stronger than on tables later in day, with gusts perhaps as high as 45mph at height in showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 23 Oct 2020	6.6mm	15.6mm	34mm

Forecast for Sunday 25 Oct 2020

Weather: Bright or sunny spells and scattered showers, some heavy with risk of hail and thunder and falling as sleet or snow on the higher tops. Mostly dry with clear spells in evening, but cloudier later

Maximum wind: Southwest 25 gust 35mph, but 30 gust 45mph over higher slopes in showers

Chance of cloud free mountain/hill tops above 600m: 60 or 70% with broken cloud down to 500m at times.

Visibility: Good or very good, but only a few kilometres in showers

Temperature: **Valleys:** Plus 6 C rising to plus 12 C

At 600m: Plus 5 C

Freezing level: Falling close to the highest tops for a time